WHAT IS CLAIMED IS:

| 1 | 1. A lipid formulation, said lipid formulation comprising: | | |
|---|--|--|--|
| 2 | a lipid phase, said lipid phase comprising a neutral lipid and a member | | |
| 3 | selected from the group consisting of cationic lipids and mucoadhesive compounds; | | |
| 4 | an aqueous phase; and | | |
| 5 | a therapeutic agent. | | |
| 1 | 2. A lipid formulation in accordance with claim 1, wherein said neutral | | |
| 2 | lipid is a phospholipid. | | |
| 1 | 3. A lipid formulation in accordance with claim 2, wherein said | | |
| 2 | phospholipid is a soybean oil-based phospholipid. | | |
| 1 | 4. A lipid formulation in accordance with claim 2, wherein said | | |
| 2 | phospholipid is a member selected from the group consisting of phosphatidylglycerols (PG | | |
| 3 | phosphatidylethanolamines (PE), phosphatidylserines (PS) and hydrogenated | | |
| 4 | phosphatidylcholines (PC). | | |
| 1 | 5. A lipid formulation in accordance with claim 4, wherein said | | |
| 2 | phospholipid is a phosphatidylcholine. | | |
| 1 | 6. A lipid formulation in accordance with claim 5, wherein said | | |
| 2 | phosphatidylcholine is a member selected from the group consisting of Phospholipon 90H, | | |
| 3 | Phospholipon 80H and mixtures thereof. | | |
| 1 | 7. A lipid formulation in accordance with claim 1, wherein said lipid | | |
| 2 | phase comprises a cationic lipid. | | |
| 1 | 8. A lipid formulation in accordance with claim 7, wherein said cationic | | |
| 2 | lipid is a member of the group consisting of stearylamine, DC-Cholesterol, | | |
| 3 | dimethyldioctadecylammonium bromide, or 3B-[N',N'-dimethylaminoethane)-carbamol. | | |
| l | 9. A lipid formulation in accordance with claim 1, wherein said lipid | | |
| 2 | phase comprises a mucoadhesive compound. | | |

| 1 | 10. A l | ipid formulation in accordance with claim 9, wherein said | |
|---|--|--|--|
| 2 | mucoadhesive compound is a member of the group consisting of Carbopol 934 P, | | |
| 3 | polyaxomers, carbomers and plant lectins. | | |
| • | 11 A I | inid Committee in accordance with claim 1 wherein said agreess | |
| 1 | | ipid formulation in accordance with claim 1, wherein said aqueous | |
| 2 | phase is a member selected from the group consisting of sterile water, sterile saline and | | |
| 3 | sterile, isotonic aqueous b | ouffer solutions. | |
| 1 | 12. A I | ipid formulation in accordance with claim 11, wherein said aqueous | |
| 2 | phase is a sterile, isotonic aqueous solution buffered with borates, acetates, bicarbonates or | | |
| 3 | phosphates in the pH range of 7.0 to 7.8. | | |
| | | | |
| 1 | | ipid formulation in accordance with claim 1, wherein said lipid | |
| 2 | formulation comprises about 0.001 to about 10.000 wt % of said lipid phase and about 90.000 | | |
| 3 | wt % to about 99.999 wt % of said aqueous phase. | | |
| 1 | 14. A 1 | ipid formulation in accordance with claim 1, wherein said lipid | |
| | | • | |
| 2 | formulation comprises about 0.1 wt % of said lipid phase and about 99.0 wt % of said | | |
| 3 | aqueous phase. | | |
| 1 | 15. A 1 | lipid formulation in accordance with claim 1, wherein said | |
| 2 | therapeutic agent is present in said aqueous phase. | | |
| | | | |
| 1 | | lipid formulation in accordance with claim 1, wherein a | |
| 2 | therapeutically effective amount of said therapeutic agent is present in said lipid formulation. | | |
| 1 | 17. A 1 | lipid formulation in accordance with claim 1, wherein said lipid | |
| 2 | formulation is a liposome. | | |
| | | | |
| 1 | | lipid formulation in accordance with claim 1, further comprising a | |
| 2 | preservative. | | |
| 1 | 19. A 1 | lipid formulation in accordance with claim 18, wherein said | |
| 2 | preservative is an antioxidant. | | |
| | | | |

- A lipid formulation in accordance with claim 19, wherein said 20. 1 2 antioxidant is a member selected from the group consisting of tocoperol, tocopherol derivatives, butylated hydroxyanisole and butylated hydroxytoluene. 3 21. A lipid formulation in accordance with claim 18, wherein said 1 preservative is an anti-microbial agent selected from the group consisting of benzalkonium 2 chloride, benzethonium chloride, chlorobutanol, phenylethyl alcohol and cetyl pyridinium 3 4 chloride. 22. A lipid formulation in accordance with claim 21, wherein said anti-1 2 microbial agent is chlorobutanol. 23. A lipid formulation in accordance with claim 1, further comprising a 1 modifying agent selected from the group consisting of cholesterol, stearylamine, cholesteryl 2 3 hemisuccinate, phosphatidic acids, dicetyl phosphate and fatty acids. 1 24. A lipid formulation in accordance with claim 1, further comprising a 2 wetting agent. 1 25. A lipid formulation in accordance with claim 24, wherein said wetting agent is a member selected from the group consisting of polyoxyethylene, sorbitan 2 monolaurate and stearate. 3 1 26. A lipid formulation in accordance with claim 1, further comprising a 2 thickening agent. 1 27. A lipid formulation in accordance with claim 26, wherein said 2 thickening agent is a member selected from the group consisting of hydroxyethylcellulose, 3 hydroxypropylmethylcellulose, methylcellulose, polyvinyl alcohol and polyvinylpyrrolidone. 1 A lipid formulation in accordance with claim 1, wherein said 28. 2 therapeutic agent is a non-steroidal anti-inflammatory drug (NSAID). 29. A lipid formulation in accordance with claim 30, wherein said NSAID 1
 - diclofenac, ketorolac, nepafenac, amfenac and suprofen.

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is a member selected from the group consisting ketoprofen, flurbiprofen, ibuprofen,

A lipid formulation in accordance with claim 30, wherein said NSAID 1 30. 2 is diclofenac. 31. A method for treating an ophthalmic disorder in a mammal, said 1 2 method comprising administering to the eye of said mammal a lipid formulation in accordance with claim 1, wherein said therapeutic agent in said lipid formulation is useful for 3 treating said ophthalmic disorder. 4 1 32. The method in accordance with claim 31, wherein said ophthalmic 2 disorder is post-operative pain. 33. The method in accordance with claim 31, wherein said ophthalmic 1 2 disorder is ocular inflammation. 1 34. The method in accordance with claim 33, wherein said ocular 2 inflammation results from a member selected from the group consisting of iritis, 3 conjunctivitis, seasonal allergic conjunctivitis, acute and chronic endophthalmitis, anterior uveitis, uveitis associated with systemic diseases, posterior segment uveitis, chorioretinitis, 4 pars planitis, masquerade syndromes including ocular lymphoma, pemphigoid, scleritis, 5 keratitis, severe ocular allergy, corneal abrasion and blood-aqueous barrier disruption. 6 The method in accordance with claim 31, wherein said ophthalmic 1 35. 2 disorder is post-operative ocular inflammation. The method in accordance with claim 35, wherein said post-operative 1 36. 2 ocular inflammation results from a member selected from the group consisting of 3 photorefractive keratectomy, cataract removal surgery, intraocular lens implantation and 4 radial keratotomy. 37. The method in accordance with claim 31, wherein said ophthalmic 1 2 disorder is a fungal or bacterial infection. The method in accordance with claim 31, wherein said ophthalmic 1 38. 2 disorder is herpes ophthalmicus. 1 39. The method in accordance with claim 31, wherein said ophthalmic 2 disorder is endophthalmitis.

40. The method in accordance with claim 31, wherein said ophthalmic 1 2 disorder is intraocular pressure. The method in accordance with claim 31, wherein said therapeutic 1 41. 2 agent is diclofenac. The method in accordance with claim 41, wherein said diclofenac is 1 42. 2 diclofenac sodium. 1 43. A method for treating or preventing ocular inflammation, paracentesisinduced miosis, cystoid macular edema and mydriasis, said method comprising administering 2 a therapeutically effective amount of one or more non-steroidal anti-inflammatory drugs 3 encapsulated or contained within a liposome formulation, said liposome formulation 4 5 comprising 0.001 to 10.000 wt% lipid phase, and 90.000 to 99.999 wt% aqueous phase. 44. The method in accordance with claim 43, wherein said liposome 1 formulation is applied topically, resulting in the transcorneal or transscleral passage or 2 3 introduction of one or more non-steroidal anti-inflammatory drugs into the eye. The method in accordance with claim 43, wherein said lipid phase 1 45. 2 comprises 0.0 to 90.0 wt% of one or more active agents, 10.0 to 100.0 wt% phospholipid, 0.0 3 to 20.0 wt% antioxidant, and 0.0 to 20% modifying agents; and said aqueous phase comprises 4 0.0 to 10.0 wt% one or more active agents, 0.0 to 5.0 wt% anti-microbial preservative, and 5 90.0 to 100.0 wt% aqueous solution. The method in accordance with claim 45, wherein said active agent(s) 1 46. 2 are non-steroidal anti-inflammatory drugs. 47. The method in accordance with claim 46, wherein said non-steroidal 1 anti-inflammatory drugs are selected from the group consisting of ketoprofen, flurbiprofen, 2 3 ibuprofen, diclofenac, ketorolac, nepafenac, amfenac and suprofen. The method in accordance with claim 47, werein said non-steroidal 1 48. 2 anti-inflammatory drug is diclofenac. 49. The method in accordance with claim 43, wherein said ocular 1

inflammation is a symptom of iritis, conjunctivitis, seasonal allergic conjunctivitis, post-

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- 3 operative inflammation, acute and chronic endophthalmitis, anterior uveitis, uveitis
- 4 associated with systemic diseases, posterior segment uveitis, chorioretinitis, pars planitis,
- 5 masquerade syndromes including ocular lymphoma, pemphigoid, scleritis, keratitis, severe
- 6 ocular allergy, corneal abrasion, blood-aqueous barrier disruption or ocular trauma.
- 1 50. The method in accordance with claim 49, wherein said post-operative
- 2 inflammation is caused by photorefractive keratectomy, cataract removal surgery, intraocular
- 3 lens implantation or radial keratotomy.
- 1 51. A liposome formulation comprising: a therapeutic agent; 0.001 to
- 2 10.000 wt% of a lipid phase; and 90.000 to 99.999 wt% of an aqueous phase.
- 1 52. The liposome formulation in accordance with claim 51, wherein said
- 2 lipid phase comprises a phospholipid.